

## **ABSTRACT**

The invention discloses a processing method and device for image encryption and decryption. The processing method is first to obtain at least one main film and at least one subsidiary film. Then, when the at least one main film and the at least one subsidiary film are playing, the video signals will be synchronously inputted into the composite video-signal processing unit for processing composite video signals. Next, when the video signals of the at least one main film and at least one subsidiary film are executing the composite video signal process, a markup signal is added into each field of the main film synchronously. Thus, an encrypted composite film is completed. In addition, after the analog video signal in the encrypted composite film has been converted into a digital video signal output through the analog/digital converter, the digital video signal output will be stored in the memory unit. Then, the detection control unit will determine whether the data in the memory should be updated. Finally, the data in the memory will be sequentially outputted to the digital/analog converter continuously so that the digital data stream can be converted into analog video signal output, and thus the viewer can watch the main film.